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Abstract

2 A blow-off valve for a hydraulic dashpot comprising a fluid  
3 charged cylinder (1) and a piston (3) that travels back and forth  
4 therein on the end of a piston rod. The piston partitions the  
5 cylinder into two compartments (6 & 7) and is provided with  
6 breaches (4) and shock-absorbing valves. The piston rod (2) or an  
7 extension (8) thereof is hollow and accommodates operating  
8 components (13).

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10 The object is a valve that can be accommodated along with the  
11 hydraulic lines that serve it outside the piston rod or an  
12 extension thereof.

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14 The outer surface of the piston rod is accordingly provided with  
15 at least one axial inwardly undulating groove (14) at least as  
16 long as the piston, including its fastenings and operating  
17 components, is high. Alternatively, the bore that extends through  
18 the piston rod or its extension and its fastenings and operating  
19 components is provided with a similar radially outward groove  
20 that can be closed off at the compression end by a spring-loaded  
21 valve.

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